Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 22 Aug 2023 until 23:59 on Wednesday 23 Aug 2023

Forecast Issued on Tuesday 22 Aug 2023 at 03:28

Confidence: High confidence for a few days of warm and largely settled weather. Moderate confidence for shower and cloud distribution. Low confidence by Thursday.

Headline for Tuesday 22 Aug 2023: Soon clouding over with patchy rain. Probably brightening through the afternoon with some showers. Blustery winds.

Mountain weather hazards on Tuesday 22 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Light rain	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	30%	60%	10%	<05%	<05%

Forecast for Tuesday 22 Aug 2023

Weather: After a bright start with some sunshine, turning mostly cloudy during the morning accompanied by a fragmenting rain band pushing southeast across the Peaks, with some outbreaks of light, showery, rain. Cloud will break up through the afternoon to give some bright or sunny spells and a few well-scattered showers. Dry with some clear spells during the evening. Cloud thickening from the west towards midnight.

Chance of cloud-free hill tops above 600m: 70% initially rising to 90% by the afternoon. 40% in the west at first.

Low cloud and visibility: Patchy low cloud is expected to shroud higher bases across the western Peaks, with bases around 400m. Bases perhaps more widely around 600-700m on passage of the rain band mid-morning. Bases are then expected to lift above most summits throughout the afternoon, even in the vicinity of showers. Visibility good or very good outside of cloud and any showers or rain. Moderate in showery rain and isolated afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 22 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/26 SW	21/25 SW	22/29 W	19/25 W	14/20 W	11/16 SW	11/15 SW
300	15/20 SW	15/19 SW	17/24 SW	15/21 W	10/16 W	8/13 SW	7/12 SW
Valley	6/17 SW	9/18 SW	11/22 W	11/21 W	8/17 W	4/13 SW	3/10 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	12/8	14/10	14/11	14/11	12/10	11/9
300	14/11	15/12	17/14	17/14	16/15	15/14	13/12
Valley	14/14	15/14	17/16	18/16	17/16	15/15	14/14
Freezing Level*	2100m	2800m	2600m	2400m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Elevated UV levels in bright or sunny spells. Windy conditions will make for fairly arduous walking at times, especially on exposed edges and ridges with gusts of 30-40mph expected to persist for much of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 21 Aug 2023	0.2mm	0.2mm	6mm

Forecast for Wednesday 23 Aug 2023

Weather: A cloudy morning with some outbreaks of patchy light rain or drizzle where cloud is thick enough. Largely dry but dull afternoon with short-lived bright spells and perhaps the odd shower. Chance of a more organised band of showery rain arriving from the west during the evening, but this is low confidence.

Maximum wind: Southwest 10-20mph.

Chance of cloud-free hill tops above 600m: 50% early morning, increasing to 90% or more.

Low cloud and visibility: Areas of low cloud are expected to lie across the Peaks Wednesday morning with bases of 400-500m, perhaps lower in any drizzly outbreaks. Cloud then lifting clear of summits although remaining rather dull. Visibility poor or very poor in early drizzle, becoming very good.

Temperature: **Valleys:** Plus 13 Celsius, becoming Plus 22 Celsius.
At 600m: Plus 11 Celsius, rising to Plus 16 Celsius.
Freezing level: Well above summits.

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